



Mumbai Office
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Technical Profile of Secure Organic Product Portfolio

General Directions for Use :

1. Store in shade; dry place.
2. Shake well before use.
3. Add desired quantity to water, according to the need.
4. Uniformly spray the solution on stem, leaves etc. from bottom to top.
5. Spraying should be done in the morning and afternoon, avoid the hot sun during noon.
6. All products are safe, organic sea-weeds based preparation.
7. Our sea-weed based products contain inherent stickers.
8. Coarse powder and granules could be used directly and/or with organic manure or fertilizers or while preparing the soil.
9. Useful for all agriculture/garden/horticulture outputs, viz. flowers, fruits, crops, medicinal plants, animal feeds, roots, agroforestry, fruits, vegetables etc.

Seaweeds: Seaweeds are macroscopic algae; an important component of the marine life. Based on their colour pigmentation; they are classified as green, brown, red and blue green algae; they are part of the staple food for many countries. Marine algae contain more than 60 trace elements in a concentration much higher than terrestrial plants. They also contain protein, iodine, bromine, vitamins, mannitol and substances with stimulatory and antibiotic nature. Seaweeds are source for production of agar, alginate etc. which are extensively

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use in food, confectionary textile, pharmaceutical, dairy and paper industries. Seaweeds are extensively used as manure, growth promoter, soil conditioner; seaweeds based foliar spray include faster growth in crops, fruit plants, flowering plant etc. Seaweeds are largely used in advance countries like U.S.A., U.K., Norway, Japan, Canada, China etc.

India with a 6100 km long coast line has a vast resource of seaweeds. We use brown algae for our various agriculture inputs and veterinary preparation. Seaweed benefits are blessings for all kinds of agricultural inputs, basic effects are;

1. Soil Conditioner
2. Improves natural micro flore of soil.
3. Improves & hastens seed germination.
4. Improves and over all healthy growth of plants.
5. Improves resistance against stress & strains.
6. Improves quality, quantity
7. Improves inherent characteristics of plants like flavour, taste, colour and self life.
8. Improves microbial population of rhizosphere; thereby improves root growth/ performance.

9. Improves overall resistance of plants.



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Seaweeds are rich in nutritional value. Generally it contains (per 100 gm. Dry weight)

Potassium	-	10.0 gm.	Ferrous	-	1.2 gm.
Nitrogen	-	1.0 gm.	Copper	-	5.0 mg.
Phosphorous	-	0.5 gm.	Manganese	-	12.0 mg.
Calcium	-	0.5 gm.	Boron	-	80.0 mg.
Magnesium	-	0.8 gm.	Zinc	-	10.0 mg.
Sulphate	-	4.0 gm.	Iodine	-	11.0 mg.
Protein	-	10-20 gm.			
Vit. B12, C	-	0.6-0.8 mg.			

Growth enhancer aminoacids, enzymes, gibberellins, cytokines, auxins, alginic acid, mannitol, betains, cytokinin, etc.

Seaweeds is our key ingredients in all our preparation; as its best balanced growth promoter as well as rich source of plant nutritional requirement. Safe for all living systems including human life.

Cow-Urine is probably one of the best natural ingredient as plant protector. Apart from that it also contains very high nutrition value.

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Natural Sources of solid bacterial/fungi are known to fix nitrogen from soil; potash/phosphorous solubilizer and also provide ideal balanced micro nutrient, hormones, growth promoters etc. These are achieved through use of grass roots or pulses roots or plant roots extracts. Of course all these above with sea-weeds as main ingredients.

Thus all our preparations are natural/organic and also take you more closer to nature in very effective ways. They improve the inherent characteristics of plants, roots, flowers, fruits, soil conditioner and reduces various types of loss to the soil and plant/plants produce.

Glyricidia is known as living fertilizer plant. The leaves contains

N (0.9%), P (2.4%) and K (2.9%). It is known to give protection from Viral infection and improves the inherent characteristics of the plants and plant produce.

Bitter Substances : Natural bitter substances are known to exert bioprotection against harmful insects / pests etc. They are absolutely harmless and used in our day to day food also. Bitter substances are stable for a long time; also antifeedent.

Chilli : substances also exert antifeedent protective effect. Innocent and harmless and hence safe to use.

Blending with other natural ingredients like seeds powder, leaves, organic manure (cow-dung/urine etc.)

Aloevera, tulsi, neem, nagol, kesuda, mahuva, certain roots etc. have their own significance in organic inputs; which are our natural ingredients.



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OrgiReech, OrgiShaktee, Orgi-npk-y, OrgiVet, OrgiMicrobes are our premier products. The names may be new to you, but the ingredients, usages, effects and safety are known for centuries. The age-old knowledge is blended with modern science/technology to achieve desired results on the fields, off the fields and of course for innocent smile on the faces of third generation. All our products are certified by competent authority. We are keen to compete on field results and favourable effects on health of all natural inhabitant on earth; not on just chemical analysis or claims thereby. We ensure you to have continuous improvement in soil fertility to its best.

We are better than the best just because we are honest to ourselves and love nature.

Let us grow together !!!

OrgiReech : Our sea-weed based product which improves :

- i) Soil conditions and nutrition value.
- ii) Root numbers / thickness / lengths with functions.
- iii) Growth of plants
- iv) Resistance against adverse conditions.
- v) Survival rates
- vi) Yield and/or quality
- vii) Colour, odour and appealing values, reduces usage of insecticides/pesticides/fertilizers etc.

viii) Proves prevention is better than cure.



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OrgiShaktee : An ideal blending of sea-weeds with bitter, chilli substances with glyceridia etc. Is more concentrated and use of the same gives all results observed with OrgiReech but at a faster rate, more effective and distinct ways. It reduces use of chemicals / other agri-inputs in bigger ways. OrgiShaktee drives you to natural farming with full confidence. Prevents diseases and pests.

Orgi-npky : An ideal blending of sea-weeds with naturally occurring bacteria on various roots. In addition to all the advantages of sea-weeds, it improves the structure and nutritional availability to the roots. Any part of the field when does not support better growth, this preparations helps a lot. A wonderful preparation to cope up better growth when a part or more is lagging behind in growth as compared to the rest of the field.

None of our products are insecticides/bio-pesticides. They reduce use of chemicals and encourage natural practices as resistance of the plants are improved... Gives confidence to go for natural/organic farming &/or sustainable agricultural practices.

Orgi Microbes:The use of "Orgi Microbes" (OM) means an easy definite route to evergreen agriculture and simpler route to prepare bio compost from cow dung, animals dung & excreta, vegetable waste, city solid waste and other bio-degradable waste. OM continuous use is most advantageous.

Orgi Microbes (OM) is an ideal mixture of naturally available microbes from deep thick green forest and other natural sources. It may contain lactic acid bacteria; yeast, azotobacter Spp, aspergillus Spp, penicillium Spp. Psudomonas Spp. Trichoderma Spp, Bacillus Spp. We select ideal combination from these for



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preparing effective mixture for biocompost. The total count remains $10^6 - 10^9$ per gm of KM (CFU $10^6 - 10^9$) When stored in shade and little humid conditions.

OM acts on complex substances like protein, starch, cellulose, fat, chitin, polysaccharide etc and breaks down to simpler, assimilable substances, mainly absorbed by roots, viz amino acids, carbohydrate, growth promoters micro nutrients, precursors of growth promoters and many more useful substances for plants and soil enrichment. It improves, moisture holding capacity of soil and makes it more fertile.

The use of OM also reduces foul small, insects like fly, mosquito, etc.

Each microbes selected for preparation of OM plays very significant role to prepare one of the best of Bio-compost. The use of bio-compost prepared with KM reduces agriculture input cost and also reduces or avoids use of chemicals in agriculture in order to achieve successful organic farming.

Thus OM

- reduces agriculture expenses
- improves quality & quantity

- reduces diseases
- improves fertility & maintains fertility
- reduces water consumption



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- safe to use
- economical
- good for the Nation & living system of the world

Let us be happy & make all happy with the use of OM- Use 1 kg of OM per Metric ton (mt) of compost material.

Orgivete: Orgivete powder is a unique natural animal feed supplements; also as feed supplements for aquatic animals and birds.

Orgivete mainly contains sea-weeds together with traces of Aswagandha and Satavari. All these three natural ingredients are used even for human for many centuries.

Orgivete is useful for (1) Cow, buffallows, camel, horses, dogs, goats etc..... (2) Birds etc..

The so-called modern intensive chemical based farming resulted in foods deficient in macro & micro nutrients. This affected not only mankind; but also all living systems on earth. This resulted in poor quantitative/qualitative output; - reduce resistance against pest & diseases

- reduce productivity

- reduce active life cycle and many more adverse effects.

In order to overcome most of the adverse effects on living systems; we successfully introduced ORGIVETE; a natural powerful blend of selected sea-weeds, Aswagandha & Satavari.



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Aswagandha improves physical strength, vitality and Satavari improves milk and other productivities. All three together known to improve digestion as well as vitality with quantitative and qualitative output and natural resistance of living systems, animals, birds, aquatic animals and even plants.

Marine sea-weeds known to contain more than 60 trace elements in a biological active balanced forms; much higher than in terrestrial plants - together with proteins, carbohydrates, fats, vitamins etc. etc. The analysis may vary as obtained from sea - a natural source, but mainly contains, approximately

Carbohydrates	51.5%
Proteins	10.5%
Fats	1.4%
Fibre	6.1%
Minerals	16.6%
Moisture	13.5%

Sea-weeds known to contain vital elements / minerals like

Alginic acid, mannitol, betains, K, P, Ca, Mg, S, Fe, Cu, B, Mn, Zn, I, Na etc.
Cytokinin, gibberlin, auxin, vitamin B, C, D, iodine, aminoacids etc.

The use of AGRIVETE (20-25 Gms /10 Kgs. animal feed) may have following effects :

Orgivete improves

1. Physical strength

2. Mental condition
3. Reproductive system
4. Quantitative / Qualitative outputs, milk, eggs etc.
5. Sperm counts.
6. Resistance against Pest / Diseases



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7. Auto immune system
8. Digestive System
9. Regulates heat cycle
10. Health of animal under stress and strain condition
11. Somatic cells / resistance of individuals consuming animals / birds outputs
12. Fat contents in milk / other product

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TEST RESULT

SR No.	Parameters	Unit	RESULT		
			PLPL/130301004	PLPL/130301006	PLPL/130301007
			ORGIRICH	ORGISHAKTEE	ORGI npk-y
1	Nitrogen as N	%	0.04	0.09	0.18
2	Phosphorus as P	%	81.8	81.0	43.7
3	Potassium as K	%	0.25	1.08	0.60
4	Protein	%	0.22	0.50	1.0
5	Fat	%	0.42	0.64	0.10
6	Total Solid Content	%	10.15	19.06	9.89
7	Sulubility 1:100	%	94.56	93.47	97.26
8	Appearance	--	Brown Liquid	Brown Liquid	Brown Liquid
9	Iron as Fe	Mg/kg	992	1073	881
10	Calcium as Ca	%	0.32	0.63	0.42
11	Magnesium as Mg	%	0.59	1.40	0.63
12	Sulphur as S	%	0.031	0.053	0.011
13	Sodium as Na	Mg/kg	5703	7313	7451
14	Copper as Cu	Mg/kg	2.13	2.05	1.22
15	Manganese as Mn	Mg/kg	7.18	7.83	6.18
16	Zinc as Zn	Mg/kg	5.20	11.72	3.43

17	Selenium as Se	Mg/kg	Not Detected	Not Detected	Not Detected
18	Silica as Si	%	0.70	0.81	0.77
19	Boron as Bo	Mg/kg	29.28	123	11.06
20	Molybdenum as Mo	---	Traces	Traces	Traces